DEPARTMENT OF THE INTERIOR MONTANA-POWDER RIVER CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 106°07′30″ 45°45′ 106°00′ 45°45′ R. 45 E. R. 46 E. 2'30" 13 18 17 16 15 13 14 24 19 20 21 23 24 22 feet. Isopach interval 1 foot. 25 30 29 25 28 27 26 42'30" 42'30" 36 31 32 33 35 36 T. 1 S. T. 2 S. T.15. T. 2 S. 12 11 13 17 24 20 21 25 26 (COLEMAN DRAW) 4775 || SE SCALE 1:24 000 R. 45 E. R. 46 E. Base map from U.S. Geological Survey, 1966 1 KILOMETER

UNITED STATES

COAL RESOURCE OCCURRENCE MAP OF THEBEAVER CREEK SCHOOL QUADRANGLE, POWDER RIVER COUNTY, MONTANA

BY COLORADO SCHOOL OF MINES RESEARCH INSTITUTE 1979

OPEN FILE REPORT 79-079 **PLATE 10 OF 31**

BEAVER CREEK SCHOOL QUADRANGLE

OPEN-FILE REPORT This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

EXPLANATION

ISOPACHS OF THE COAL BED-Showing thickness, in

3540

___ 3560 ____ STRUCTURE CONTOURS—Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea

> 5.0+ ₹ 3565

BOUNDARY OF COAL DEPOSIT—Drawn along the outcrop of coal bed and/or the contact between burned and unburned coal (dashed where inferred by present author beyond the limits of original data). Arrows point toward coal-bearing area. Numbers at triangle are coal bed thickness and altitude at the top of the coal bed, measured in feet. Plus (+) sign after number indicates incomplete measurement.

To convert feet to meters, multiply feet by 0.3048.

PLATE 10 ISOPACH AND STRUCTURE CONTOUR MAP OF THE X COAL BED